

# Monitoring Times Index 1986

## JANUARY 1986

**Features:**  
Your Right to Listen  
+ List of Legislators  
Cellular Telephone Monitoring  
IRAC Microfiche  
1985 MT Index  
PACSAT: Mobile Sat

**Columns:**  
Utility Intrigue: Learning Morse Code  
Scanning: Keeping up with the Pres.;  
Monitoring Weather Sats; Scan/ Search  
Hold for MX5000/7000  
VHF Skip Report: Surveillance  
Library Shelf: The Listener's Handbook;  
The ARRL Handbook; WRTVH; The  
Shortwave Guide; World Satellite  
Almanac  
High Seas: NAVAIDS  
Plane Talk: ATC, The Good Old Days  
Signals from Space: From Canada  
New Arrivals: Changes in Scanner Market  
Behind the Dials: Regency HX1200  
Tune in w/Ed Noll: Adopt a Station  
Hank Bennett: When the Sap Runs Down  
English Language BC's: Asia  
Listener's Log: Springfield, MO  
Computer Corner: Digital Comms  
Antenna Talk: Know Your Antennas  
Helpful Hints: Learn Code for Less;  
ICOM  
Battery Replacement Follow-up  
Exp. Workshop: BC-50 Battery Update;  
Active Audio Filter

## FEBRUARY 1986

**Features:**  
Signals from the Islands  
Radio Happy Isles  
Listening Law Update  
Who's on First? Conclusion  
It's About Time  
Measurement of Time: Then and  
Now  
Goodbye GMT, Hello UTC!

**Columns:**  
Scanning: New AG Dept Chan Plan; BC-101  
Owners Take Note; FCC Proposes  
Shared UHF TV Band  
Scanning w/Norm Schrein: Nassau  
VHF Skip Report: Canadian Skip  
High Seas: Mediterranean  
Signals from Space: RTCA Study  
New Arrivals: What's New?; New Regency  
MX8000; Ten-Tec Developing Gen  
Coverage Receiver  
Behind the Dials: Info-Tech M6000;  
HX1200 Does Have Lockout  
Library Shelf: Antique Radio Classified;  
1986 Aero/Marine Beacon Guide;  
Gov't  
Radio Systems; Guide to Soviet Radio;  
Fox Scanner Listings (Nev/E.Cal)  
Tune in w/Ed Noll: 40 Meters  
Hank Bennett: Mobile DXing without a  
Scanner  
English Language BC's: Radio Earth  
Computer Corner: Computers for Comms  
Getting Started: HF Radio Bands  
Antenna Talk: The Dipole  
Helpful Hints: Icom Battery Again;  
Cleaning Antenna Relay on R-390;  
Stronger signals on Spectrum Probe;  
Direct Chan. Access on MX7000;  
Balky Battery Backup on BC-800XLT  
Exp. Workshop: Buttoning Regency Beep  
Again; Low-Noise Ten-Meter Preamp

## MARCH 1986

**Features:**  
STS Mission 51-L: The Grief and the  
Reality; Signals from Space Special  
Editorial  
The Future of Monitoring Laws  
TV Scrambling: History and Techniques  
Tuning in the Outback

## A Sound Education

**Columns:**  
Forum: User-programmable 2-Way Radios  
Scanning: Antennas for Scanners  
Scanning w/Norm Schrein: Down Under  
VHF Skip Report: New York  
High Seas: Mediterranean  
Plane Talk: Indianapolis ARTCC, I  
Behind the Dials: BC-800XLT Owner's  
Report; More on InfoTech M6000;  
Spectrum Monitor as Wide Range  
Receiver  
New Arrivals: Ultimate in Secure Speech-  
Securenet; Spy Radio-TW100F  
RTTY/FAX: Wefax  
Club Corner: License-Free Radio?  
Library Shelf: Radio Amateur Antenna  
Handbook; Simple, Low-Cost Wire  
Antennas for Radio Amateurs;  
Beam Antenna Handbook; Radio  
Receivers—Chance or Choice; Secrets  
of Successful QSL'ing; The Skeptical  
Inquirer; U.S. Military Radio  
Communications; WRTVH - Institution  
Reaches 40  
English Language BC's: Lat.America  
Tune in w/Ed Noll: 15-30 MHz  
Listeners' Log: Alabama  
Computer Corner: Computers for Comm, II  
Getting Started: 2-30 MHz  
Antenna Talk: Which Antenna is Best? I  
Helpful Hints: Grove Omni, MiniTuner &  
Power Ant; Modifications for the  
FRG-7700; Search on the HX1200  
Exp. Workshop: Build a Repeater for  
Your Scanner

## APRIL 1986

**Features:**  
Following the President  
Justice Dept Opposes HR3378  
Visit from SWAT Team  
Colombian Guerrillas  
Listening to the Stars  
Starting Radio Astronomy  
Coming Up On Shortwave  
Hear TIS

**Columns:**  
Scanning: Mexico  
High Seas: Monitoring the U.K.  
Plane Talk: Indianapolis ARTCC, II  
Signals from Space: Maritime Video  
Transmissions  
Behind the Dials: Sangean ATS-803; Sony  
ICF 2010; Cushman CE-15 Spectrum  
Monitor  
New Arrivals: VHF/UHF Dream Rcvr  
(Interad 8601); Regency MX8000  
Update  
Library Shelf: Scanner Freq Directory, S.  
Carolina; Amateur Radio Call  
Directory; Ontario Scanner Book;  
Guide to Non-English Language BC'ing  
English Language BC's: Oceania  
Listeners' Log: Fla; 72 MHz PD links in  
Cal.  
Tune in w/Ed Noll: BCB DX'ers  
Increase Loggings  
Computer Corner: Computing Int'l  
Listener's IBM-PC Database  
Getting Started: Radio Spectrum, I  
Antenna Talk: Which Antenna is Best, II  
Helpful Hints: Shortwave Converters for  
Cars; Faster Scan/Search on MX7000;  
HX1200 Frequency Range  
Exp. Workshop: Computer Interference &  
How to Cure; Budget Omni

## MAY 1986

**Features:**  
Coastline Vigilance: ROCC  
Armed Forced Day Comms  
Riding with SAC  
Listen to News Teams  
Ciphers Yield to Computers  
Hi-Tech Profile  
Voices Out of China

Moonbounce  
Lightning Protection  
How About a Little Game?

## Columns:

Scanning w/Norm Schrein: Radio &  
Cincinnati Reds  
High Seas: Preparing for Expo 86  
Plane Talk: Terminal Control Facility, I  
Signals from Space: Tracking Birds by  
Computer  
Behind the Dials: NRD-525  
Library Shelf: Communications Satellites;  
Aero-Marine Beacon Guide; Radio  
Station Treasury, 1900-1946; Ham-Pac  
4; Hidden Signals on Sat TV;  
Expert Techniques for Home Video  
Production; Fox Scanner Radio Listings  
(Detroit)  
English Language BC's: News Broadcasts  
Worldwide  
Pirate Radio: Nicaragua  
Tune in w/Ed Noll: Graveyard Listening  
Computer Corner: What to Do Until the  
Doctor Arrives  
Getting Started: 30 MHz and Above  
Antenna Talk: Propagation  
Exp. Workshop: Build BC Band Preamp;  
Bug Your Own Phone  
Helpful Hints: SW Ham & BC Bands;  
Simple Time Zone Clock; HX-  
1000/1200 as Signal Generator

## JUNE 1986

**Features:**  
CSE: Canada's Ear on the World  
IMRA: People Helping People  
U.S. CG Cutters  
First 25 Countries  
Chimes of Big Ben  
WW2 Radio Locator  
Monitor the Ham Bands  
Making Silicon Chips  
Why Power is Grounded  
Selectivity

**Columns:**  
Scanning: An Introduction  
Scanning w/Norm Schrein: Far North  
Plane Talk: Terminal Control Procedures, II  
Signals from Space: The MIR  
Behind the Dials: ICOM R7000  
Library Shelf: Police Call Radio Guide;  
Fox Scanner Listings (Pittsburgh);  
Southeast Regional Directory; Guide to  
Facsimile Stations; Radioteletype Code  
Manual; Satellites Today  
Hank Bennett: Bootlegger  
English Language BC's: Science  
Tune in w/Ed Noll: Learn Morse the  
Easy Way  
Computer Corner: Data Recovery from  
the Challenger  
Getting Started: VHF Equipment  
Antenna Talk: Connecting the Antenna  
Helpful Hints: Faster Scan/Search on  
MX7000  
Exp. Workshop: Car Air Conditioner  
Auto-Delay

## JULY 1986

**Features:**  
Listening Law Approved  
Radio Canada on the Air  
How Great News Stories are Made  
DXing the Soviet SSR's  
Radio Beijing's English Service  
Signal Propagation  
Reflections on Radio  
Summertime Reading: For SWL's; Utility  
DX'ers Library  
ANARCON '86  
The Zepp-Fed Antenna

**Columns:**  
Interview: BBC's Margaret Howard  
Worldwide Scanning: Great Britain

High Seas: Great Lakes  
Profiles: World Harvest Radio  
Antenna Talk: Antenna Reciprocity  
Getting Started: Tools of the Trade  
Tune in w/Ed Noll: Longwave Beacons  
Computer Corner: Seeing Secrets  
What's New?—Equipment:  
ESKAB RX-33; Radio Freq Spectrum  
Chart; Chip Checker

**Books:**  
Maritime Radio Handbook; Midwest  
Federal Freq Directory; The Enemy  
is Listening; Language Lab; The  
Black Box Solution; New Hampshire  
Scanner Guide; FM Atlas & Station  
Directory; DXers Guide to Computing;  
Ham Pac 5 (program)  
Receiver Review: Philips/Magnavox D2999  
Behind the Dials: Digitrex Pocket Counter  
Exp. Workshop: Build a Stormscope;  
Recorder Activator for Scanners; Easy  
Audio Notch Filter  
Helpful Hints: Build Your Own 24 Hour  
Clock; "Jump Start" Regency Keypad;  
Faster Scan/Search on MX7000;  
Scanners as Signal Generators

## AUGUST 1986

**Features:**  
The Thunderbirds  
Beware! Cows Eat Antennas!  
Monitoring Tornado Alley  
Semi-Tough  
In the Newsroom (BBC)  
"Seeker"  
Signal Propagation  
Comms at Garrison Dam  
"Sparklies" on Satellite TV  
Forum: RCI Update

**Columns:**  
Interview: HCJB's Ken MacHarg  
Getting Started: Antennas  
Helpful Hints: Direct Chan. Access on  
R7000; Regency Keypad Cover; PRO-  
30 Pointers; Computer RFI; 420-440  
MHz on HX1200  
Profiles: Radio Prague  
WW Scanning: Cellular Phones  
Plane Talk: Airfreight Race  
What's New?—Equipment:  
Kenwood Receiver; Grove Wall Clock;  
Antenna Specialists CB Antennas;  
Radio Shack Surprises; Cobra Scan-  
ners; Regency HX-1500

**Books:**  
Shortwave Directory; Southeast Region-  
al Scanner Radio Listings  
Receiver Review: Yaesu FRG-8800  
Behind the Dials: ICOM VHF/UHF  
Antenna; Grove Power Ant III,  
"Hidden" Antenna, and Connector/  
Adaptor Kits  
Antenna Talk: Halfwave Dipole  
Computer Corner: Keeping Secrets  
Technical Topics: At the Flea Market  
Exp. Workshop: Predetection Recording;  
Regulated 12 Volts from Car Cigarette  
Lighter

## SEPTEMBER 1986

**Features:**  
Radio Tahiti  
Monitoring the U.S. Navy  
ANARCON '86 Scrapbook  
A Newcomer Discovers SW  
U.S. Corps of Engineers  
RTTY/FAX Frequency List

**Columns:**  
Interview: Bob Cadman  
Getting Started: Scanner Antenna from  
Scrap  
Helpful Hints: ICOM R7000 User's Notes;  
Wandering Birdie Solved; Lengths for  
Grove ANT-8  
WW Scanning: Miamisburg Disaster  
High Seas: DXing the Arctic  
Signals from Space: GOES Wx Sats

#### What's New?--Equipment:

PRO-2021 Scanner; Motorola Touch-Code Series; InfoTech M-800; Radio Shack scanners; Smart Radio; Selena 215

#### Books:

Frequency Control for R70 (program); How to be a Ham; Guide to Embassy & Espionage Communications; Military Radio Systems; Fox Scanner Radio Listings (L.A.)

Receiver Review: Sony ICF-2010

Behind the Dials: Radio Shack PRO-32; World Time Clock

Antenna Talk: Making a Good Antenna Better

Computer Corner: Micros

Exp. Workshop: A Wider Window

#### OCTOBER 1986

#### Features:

Weekend Warriors

Banana Belt DXing

QSLing the U.S. Navy

Fall In

Scanner Bill Update

What's Hot & What's Not

Get Down

Western Union

#### Columns:

Forum: Grove Monopoly; A Place for Hams

Profiles: "Alma"

Interview: Monitor Tony Jones

Getting Started: RTTY

Helpful Hints: R7000 Faster Scan & Search; MX5000/7000 Speed Mod; Accurate Signal Level Readings on R7000; ICF-2010 User Hints

Listeners Log: HF from Sewanee, TN

WW Scanning: American Red Cross

Plane Talk: Indianapolis Heliport

Fax Facts: Facsimile

#### What's New?--Equipment:

Motorola Control Console; Custom Clock Kits

#### Books:

Canadian Frequency Allocations; Northeast Scanning News; Weather Satellite Handbook

Receiver Review: Selena B-215

Behind the Dials: Regency HX1500

Antenna Talk: Receiving Preamplifiers

Computer Corner: Micros, II

Technical Topics: Noise Blanker

Exp. Workshop: Descramble Speech

Inversion; RDF Antenna for Shortwave; Compact Scanner Beam Mod

#### NOVEMBER 1986

#### Features:

Radio Earth 1987

Russian Jammer Locations

"Tough"

Olde Tyme Radio Delights Visitors

Monitoring Military Aircraft I

The "Other" License Free Bands

Pioneers of Broadcasting

Monitoring FDM, I

#### Columns:

Interview: Greg Shafritz

Profiles: Radio Botswana

Getting Started: A Word on Awards

Helpful Hints: Antenna Adaptor for HX2000; Need an N-Adaptor?; 800 MHz Antennas; A Portable Indoor Antenna; Drop-in Charger for HX-1500; Grove PRE-3 Owners Take Note; Six Meter Band Indicates Propagation; Modify the Grove Leather Scanner Holster

Listener's Log: Seattle; Williamsport, PA; Central Wisconsin

Fax Facts: A.P.T. Primer

Signals from Space: Soviet Geodetic Satellites

#### What's New?--Equipment:

Regency R806 Crystal Scanner; Ten-Tec RX325; Energy Engineering Cabinets

#### Books:

"2600" (program); C64 SWL File (program); DXers Directory; Radio Database Int'l

Receiver Review: Panasonic RF-B20

Behind the Dials: 800 MHz Receivers

Technical Topics: Can I "Soup It Up?"

Antenna Talk: Vertical Antennas

#### DECEMBER 1986

#### Features:

Air Rescue One

DXing Papua New Guinea

Making Headlines (Soviet Sub Sinks)

Monitoring Military Aircraft II  
Scanner Finds ELT  
Watching the Best of Shortwave  
The Caribbean Emergency Net  
Monitoring FDM Buzzsaws II

#### Columns:

Interview: Jeff White

Getting Started: "Antennas Not Allowed"

Making Waves: Hazards

Profiles: FEBC

Helpful Hints: Caveat: Harmful Hints; A Cure for R70 Tuning Noise; Comments on Sony ICF-2010

Listener's Log: Omaha PD; Maritime & Aero Logs; More Utilities

Worldwide Scanning: Toronto

Plane Talk: ARINC

Signals from Space: Soviet Ferrets

#### What's New?--Equipment:

Fax on Home Computer; Regency New Products; PR-2004 Delayed

#### Books:

Fort Wayne/Lima Scanner Listings; Great Lakes Regional Directory; FMedia; ANARC listing of good reference books

Behind the Dials: Palomar Noise Bridge; InfoTech M-800

Antenna Topics: Converters

Computer Corner: Computers for Comms II

Exp. Workshop: Under \$15 Preamp; Tape

Recorder Activator; Attenuator

Forum: ANARCON Debate

(Photocopies of MT articles are available for \$2 per article)



## GROVE'S USED EQUIPMENT SALE

All equipment subject to prior sale. Prices include 90 day limited warranty and UPS shipping.  
For charge orders, C.O.D., or to reserve equipment for five days pending arrival of payment call 1-704-837-9200.  
Send check or money order to:

GROVE ENTERPRISES, INC.  
P. O. BOX 98  
BRASSTOWN, NC 28902

### RECEIVING EQUIPMENT

(Cost is the lowest advertised retail price)

• **TEMPO S1 HANDIE-TALKIE** 140-150 MHz programmable, 1.5 watts out, excellent with charger, batteries (fair condition), rubber duckie and long-range gain whip, leather holster. Cost over \$200, sell \$125.

• **DRAKE SW4A WITH 2CQ EXTERNAL SPEAKER/O MULTIPLIER**--SWL's dream machine! Excellent condition, capable of AM coverage from 1.5-30 MHz; crystals included for 3-3.5, 4.5-5, 6-6.5, 7-7.5, 9.5-10, 11.5-12, 15-15.5, 17.5-18, 21.5-22, 25.5-26 MHz. Manual included. Cost \$400, sell \$195.

• **BEARCAT 350 PROGRAMMABLE SCANNER**, excellent with manual, whip, AC cord, cost \$400, sell \$199.

• **YAESU FRG8800 GENERAL COVERAGE RECEIVER**, new condition with manual, and original carton; Cost \$500, sell \$399; **FRT7700 tuner**, cost \$51, sell \$39; **FRA7700 active antenna**, cost \$50, sell \$39, **YH77 headphones**, cost \$19, sell \$10. All like new.

• **SONY 7" MOBILE/PORTABLE TV**, 12 volt operated, good condition; \$39.

• **KENWOOD TS430S ALL-MODE GENERAL-COVERAGE 200 WATT TRANSCEIVER**, excellent condition with matching PS30 AC power supply and Sears desk mike. Continuous receive, 10 kHz-30

MHz; continuous transmit, 1.6-30 MHz; includes Scan-Loc for true receiver memory scanning, improved noise blanker, FM30 narrowband FM adaptor, 8-pole narrow SSB filter. Cost \$1255, sell \$795.

### ACCESSORIES

• **KANTRONICS RADIOTAP and SUPERTAP RTTY/MORSE DECODER FOR COMMODORE VIC-20** excellent; includes interface, two cartridges, power supply, interconnect cable, and manuals. Cost \$300, sell \$169.

• **B&W FL10/1500 TVI FILTER FOR AMATEUR AND CB TRANSMITTERS** like new; up to 1500 watt capacity, with instructions. Cost \$45, sell \$29.

• **TEST EQUIPMENT, PARTS, TOOLS ALSO AVAILABLE.** For complete list of receiving equipment, accessories, etc., please send self-addressed stamped envelope to Grove Enterprises, P.O. Box 98, Brasstown, NC 28902.

### Products Which Grove is Interested in Trading for:

Bearcat BC300 scanners, Drake 4245 shortwave receiver, JRC NRD505 shortwave receiver, Uniden CR2021 shortwave receiver, Regency MX7000 scanner, Bearcat 100 and 100XL scanner, Icom R71, NRD515 and Drake R7 or R7A shortwave receivers, Sony CRF330K shortwave receiver, Bearcat BC350 scanners, Bearcat BC250 scanners, Infotech M600 RTTY readers.

Call 1-704-837-9200 for a used equipment trade agreement if you are interested in swapping!